

Scientific Note

Brief field notes on the *Insecta* observed in South and East Turkey in late August 2008

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Before and after an academical examination in the Mersin University on 23rd August, the authors realized field trips to the vicinity of Malatya city, Gölbaşı in Adıyaman Province, Sertavul Pass in Karaman Province, and Ziyaret Pass in Sivas Province. Some results on the observations and field notes on new provincial records are briefly explained below together with illustrations of the first author.

The first place visited on 22nd August,2008 is Beylerderesi (920m) in the district Yeşilyurt in the Province Malatya (East Turkey). Below, list of the 14 lepidopteran species, recorded or captured in the morning. Two species are new to Malatya Province.

List of the Lepidoptera of Beylerderesi at an elevation 920m¹

1. **Argynnis (Pandoriana) pandora** ([Denis & Schiffermüller],1775) (Argynnidae) Bahadır
2. **Camptogramma bilineatum** (Linnaeus,1758) (Geometridae) Sarı Zerafet New record to Malatya Province!
3. **Gegenes nostradamus** (Fabricius,1793) (Hesperiidae) Nostrodamus New record to Malatya Province!
4. **Polyommatus (s.str. (Agrodiaetus (Damaia))) poseidon** (Herrich-Schäffer,[1851]) (Lycaenidae) Çokgözlü Poseydon
5. **Polyommatus (s.str. (Thersitesia)) thersites** (Canterer,[1835]) (Lycaenidae) Çokgözlü Menekşemavisi
6. **Pieris (Artogeia) leucosoma** Schawerda,1905 (Pieridae) Beyrut Beyazmeleği
7. **Chazara (Neochazara) anthe** (Hoffmannsegg,1804) (Satyridae) Stepçadısi

¹ Larvae of a *Choreutis* species (probably *nemorana*) were recorded and photographed by the first author. Until emerging the adult insect, the exact identity of this species remains unknown to us (figs.1-4)

8. **Chazara (s.str.) briseis (Linnaeus,1764)** (Satyridae) [Cadı](#)
9. **Coenonympha (s.str.) pamphilus (Linnaeus,1758)** (Satyridae) [Küçük Zıpızp Perisi](#)
10. **Hyponephele (s.str.) lupina (Costa,[1836])** (Satyridae) [Esmerperi](#)
11. **Maniola (Telmessiola) telmessia (Zeller,1847)** (Satyridae) [Doğu Çayyresmeri](#)
12. **Pararge aegeria (Linnaeus,1758)** (Satyridae) [Karanlık Orman Esmeri](#)
13. **Pseudochazara (Achazara) anthelea (Hübner,[1824])** (Satyridae) [Anadolu Yalancıcadısı](#)
14. **Pseudochazara (s.str.) pelopea (Klug,1832)** (Satyridae) [Levantin Yalancıcadısı](#)

The second place visited on 22nd August,2008 is upper Erkenek Tunnel in the district Doğanşehir in the Province Malatya (East Turkey). Below, list of the 25 lepidopteran species, recorded or collected within an hour in the afternoon, is given alphabetically with their scientific and vernacular names in Turkish. Two species are new to Malatya Province.

List of the Lepidoptera of Upper Erkenek Tunnel at an elevation 1270m² (Fig.5)

1. **Argynnis (Pandoriana) pandora ([Denis & Schiffermüller],1775)** (Argynnidae) [Bahadır](#)
2. **Thaleropsis ionia (Eversmann,1851)** (Argynnidae) [Anadolu Şehzadesi](#)
3. **Camptogramma bilineatum (Linnaeus,1758)** (Geometridae) [Sarı Zerafet](#)
4. **Lythria purpuraria (Linnaeus,1758)** (Geometridae) [New record to Malatya Province!](#)
5. **Muschampia proteides (Wagner,1929)** (Hesperiidae) [Anadolu Zıpızpı](#)
6. **Lycaena (Loweia) tityrus (Poda,1761)** (Lycaenidae) [İslibakırgüzeli](#)
7. **Lycaena (Thersamonia) asabinus (Gerhard,[1850])** (Lycaenidae) [Anadolu Ateşgüzeli \(Figs.7-8\)](#)
8. **Lycaena (s.str.) phlaeas (Linnaeus,1761)** (Lycaenidae) [Benekliakırgüzeli](#)
9. **Polyommatus (Aricia (s.str.)) agestis ([Denis & Schiffermüller],1775)** (Lycaenidae) [Çokgözlü Esmer \(Fig.9\)](#)
10. **Polyommatus (s.str. (Agrodiaetus (Admetusia))) ripartii (Freyer,[1830])** (Lycaenidae) [Ripart'ın Anormal Çokgözlüsü](#)
11. **Polyommatus (s.str. (Meleageria)) daphnis ([Denis & Schiffermüller],1775)** (Lycaenidae) [Çokgözlü Dafnis](#)
12. **Iphiclides podalirius (Linnaeus,1758)** (Papilionidae) [Erik Kırlangıçkuyruğu](#)
13. **Colias (Eriocolias) crocea (Fourcroy,1785)** (Pieridae) [Sarıazamet](#)
14. **Pieris (Artogeia) ergane (Geyer,[1828])** (Pieridae) [Dağbeyazmeleği](#)
15. **Pieris (Artogeia) leucosoma Schawerda,1905** (Pieridae) [Beyrut Beyazmeleği](#)
16. **Pieris (Artogeia) persis Verity,1922** (Pieridae) [İran Beyazmeleği](#)
17. **Pieris (Artogeia) pseudorapae Verity,1908** (Pieridae) [Yalancı Beyazmelek](#)
18. **Pieris (s.str.) brassicae (Linnaeus,1758)** (Pieridae) [Büyük Beyazmelek](#)
19. **Pontia edusa (Fabricius,1777)** (Pieridae) [Yeni Beneklimelek](#)
20. **Pyrausta (s.str.) inciae Koçak,1982** (Pyralidae) [İnci New record to Malatya Province! \(Fig.6\)](#)
21. **Brintesia circe (Fabricius,1775)** (Satyridae) [Karamurat](#)
22. **Chazara (s.str.) briseis (Linnaeus,1764)** (Satyridae) [Cadı](#)
23. **Hyponephele (s.str.) lupina (Costa,[1836])** (Satyridae) [Esmerperi](#)
24. **Pararge aegeria (Linnaeus,1758)** (Satyridae) [Karanlık Orman Esmeri](#)
25. **Pseudochazara (Achazara) anthelea (Hübner,[1824])** (Satyridae) [Anadolu Yalancıcadısı](#)

At the Tea House, in the vicinity of Harmanlı village, Gölbaşı district of the Province Adıyaman, the following moths and butterflies were recorded:

² Two years ago, 1 male of *Cymbalophora oetzeni* (Lederer,1855) (Arctiidae) was captured by the authors at the same locality.

Zethes insularis Rambur,1833 (Noctuidae) **Akdeniz Zühresi** New record to **Adıyaman Province!** (Fig.10)
Laothoe populeti (Bienert,[1870]) (Sphingidae) **İran Kavak Atmacagüvesi** New record to **Adıyaman Province!**
Akbesia davidi (Oberthür,1884) (Sphingidae) **Akbes Atmacagüvesi** (Fig.11)
Gegenes nostrodamus (Fabricius,1793) (Hesperiidae) **Nostrodamus** (Fig.13)
Lycaena (Thersamonia) kefersteinii (Gerhard,[1850]) (Lycaenidae) **Alevatesgüzeli** (Fig.12)

On 24th August,2008 Sertavul Pass on the provincial border between Mersin and Karaman Provinces, the tragacanthic mountain steppe at 1700m inside the Karaman Province was visited by the authors (Fig.14). Below, the 15 lepidopteran species, recorded or collected in the afternoon are listed alphabetically. Three species are new to Karaman Province.

1. **Selidosema plumarium ([Denis & Schiffermüller],1775)** (Geometridae) **Diurnal and new record to Karaman Province!** (Fig.18)
2. **Hesperia comma (Linnaeus,1758)** (Hesperiidae) **Gümüş Benekli Zıpzıp**
3. **Muschampia proteides (Wagner,1929)** (Hesperiidae) **Anadolu Zıpzıp**
4. **Lycaena (Thersamonia) thetis (Klug,1834)** (Lycaenidae) **Dağateşi** New record to **Karaman Province!** (Fig.15)
5. **Polyommatus (Aricia (s.str.)) agestis ([Denis & Schiffermüller],1775)** (Lycaenidae) **Çokgözlü Esmer**
6. **Polyommatus (Aricia (s.str.)) agestis agestis ([Denis & Schiffermüller],1775)** (Lycaenidae) **Tipik Çokgözlü Esmer**
7. **Polyommatus (s.str. (Agrodiaetus (Admetusia))) ripartii (Freyer,[1830])** (Lycaenidae) **Ripart'ın Anormal Çokgözlüsü**
8. **Colias (Eriocolias) crocea (Fourcroy,1785)** (Pieridae) **Sarıazamet**
9. **Arethusana arethusa ([Denis & Schiffermüller],1775)** (Satyridae) **Seyit**
10. **Chazara (Neochazara) anthe (Hoffmannsegg,1804)** (Satyridae) **Stepcadısı**
11. **Chazara (s.str.) briseis (Linnaeus,1764)** (Satyridae) **Cadı** (Fig.17)
12. **Pseudochazara (Achazara) anthelea (Hübner,[1824])** (Satyridae) **Anadolu Yalancıcadısı** (Fig.16)
13. **Pseudochazara (s.str.) beroe (Freyer,[1843])** (Satyridae) **Dağ Yalancıcadısı**
14. **Pseudochazara (s.str.) lydia (Staudinger,1878)** (Satyridae) **Lidya Yalancıcadısı**
15. **Macroglossum stellatarum (Linnaeus,1758)** (Sphingidae) **Güvercinkuyruklu Atmacagüvesi** New record to **Karaman Province!**

Finally, on 29th August 2008, the authors visited Ziyaret Pass 1900m in the Gürün district of the Sivas Province. In the tragacanthic steppe, some diurnal geometrids (incl. *Selidosema plumaria* [Diurnal and new record to Karaman Province!]), and crambids were captured. They will be published separately. Besides, the butterflies *Pieris ergane* (Pieridae), *Pseudochazara mamura birgit* [only females] (Fig.20), *Pseudochazara geyeri* (Fig.19), *Chazara (Neochazara) anthe* (Satyridae), *Muschampia proteides*, and *Hesperia comma* (Hesperiidae) were still active and sipping nectar on *Cirsium* flowers. Among the Orthopteran species, *Calliptamus*, *Oedipoda coerulescens* (Fig.21), and a very remarkable *Pezodrymadusa* female were recorded. The latter will be evaluated in a separate paper.

Last images obtained during our present travel reflect openly the environmental problems in Turkey (Figs.22-26).



Fig. 1- *Choreutis* sp. larvae eat away the parenchyma from the upper surface of *Ficus carica* leaves under a silken web. The specimens belong probably to second generation of *C. nemorana* (*Choreutidae*). Turkey Malatya Prov., Beylerderesi 22 8 2008, photo M.Kemal (Cesa)



Fig. 2- *Choreutis* sp. (*Choreutidae*) For further information see above. Turkey Malatya Prov., Beylerderesi 22 8 2008, photo M.Kemal (Cesa)



Fig. 3- Habitat of *Choreutis* sp. (*Choreutidae*). Turkey Malatya Prov., Beylerderesi 22 8 2008, photo M.Kemal (Cesa)



Fig. 4- A habitat for the Lepidopteran species! Turkey Malatya Prov., Beylerderesi 22 8 2008, photo M.Kemal (Cesa)



Fig. 5- Studying place. Turkey Malatya Prov, upper Erkenek Tunnel, 1270m. 22 8 2008 Photo M.Kemal (Cesa)



Fig. 6- *Pyrausta inciae* Koçak,1982 at rest (*Pyrallidae*). Turkey Malatya Prov, upper Erkenek Tunnel, 1270m. 22 8 2008 Photo M.Kemal (Cesa)



Fig. 7- Female of *Lycaena (Thersamonia) asabinus* (*Lycaenidae*). Turkey Malatya Prov, upper Erkenek Tunnel, 1270m. 22 8 2008 Photo M.Kemal (Cesa)



Fig. 8- Feeding female of *Lycaena (Thersamonia) asabinus* (*Lycaenidae*). Turkey Malatya Prov, upper Erkenek Tunnel, 1270m. 22 8 2008 Photo M.Kemal (Cesa)



Fig. 9- Courtship. *Polyommatus (Aricia) agestis* (Lycaenidae). Turkey Malatya Prov, upper Erkenek Tunnel, 1270m. 22 8 2008 Photo M.Kemal (Cesa)



Fig. 10- A resting specimen at Tea House. *Zethes insularis* (Noctuidae). Turkey Adıyaman Prov, Gölbaşı, Harmanlı village, 790m, 22 8 2008 Photo M.Kemal (Cesa)



Fig. 11- A resting specimen at Tea House. *Akbesia davidi* (*Sphingidae*). Turkey Adıyaman Prov, Gölbaşı, Harmanlı village, 790m, 22 8 2008 Photo M.Kemal (Cesa)



Fig. 12- A resting male. *Lycaena (Thersamonia) kefersteinii* (*Lycaenidae*). Turkey Adıyaman Prov, Gölbaşı, Harmanlı village, 790m, 22 8 2008 Photo M.Kemal (Cesa)



Fig. 13- A feeding male. *Gegenes nostrodamus* (Hesperiidae). Turkey Adıyaman Prov, Gölbaşı, Harmanlı village, 790m, 22 8 2008 Photo M.Kemal (Cesa)



Fig. 14- Habitat. Turkey Karaman Province, Sertavul Pass 1700m, 24 8 2008 Photo M.Kemal (Cesa)



Fig. 15- A female of *Lycaena (Thersamonia) thetis* (Lycaenidae). Turkey Karaman Province, Sertavul Pass 1700m, 24 8 2008 Photo M.Kemal (Cesa)



Fig. 16- A female of *Pseudochazara (Achazara) anthelea* (Satyridae). Turkey Karaman Province, Sertavul Pass 1700m, 24 8 2008 Photo M.Kemal (Cesa)



Fig. 17- A resting male of *Chazara (s.str.) briseis* (Satyridae). Turkey Karaman Province, Sertavul Pass 1700m, 24 8 2008 Photo M.Kemal (Cesa)



Fig. 18- A resting male of *Selidosema plumarium* (Geometridae). Turkey Karaman Province, Sertavul Pass 1700m, 24 8 2008 Photo M.Kemal (Cesa)

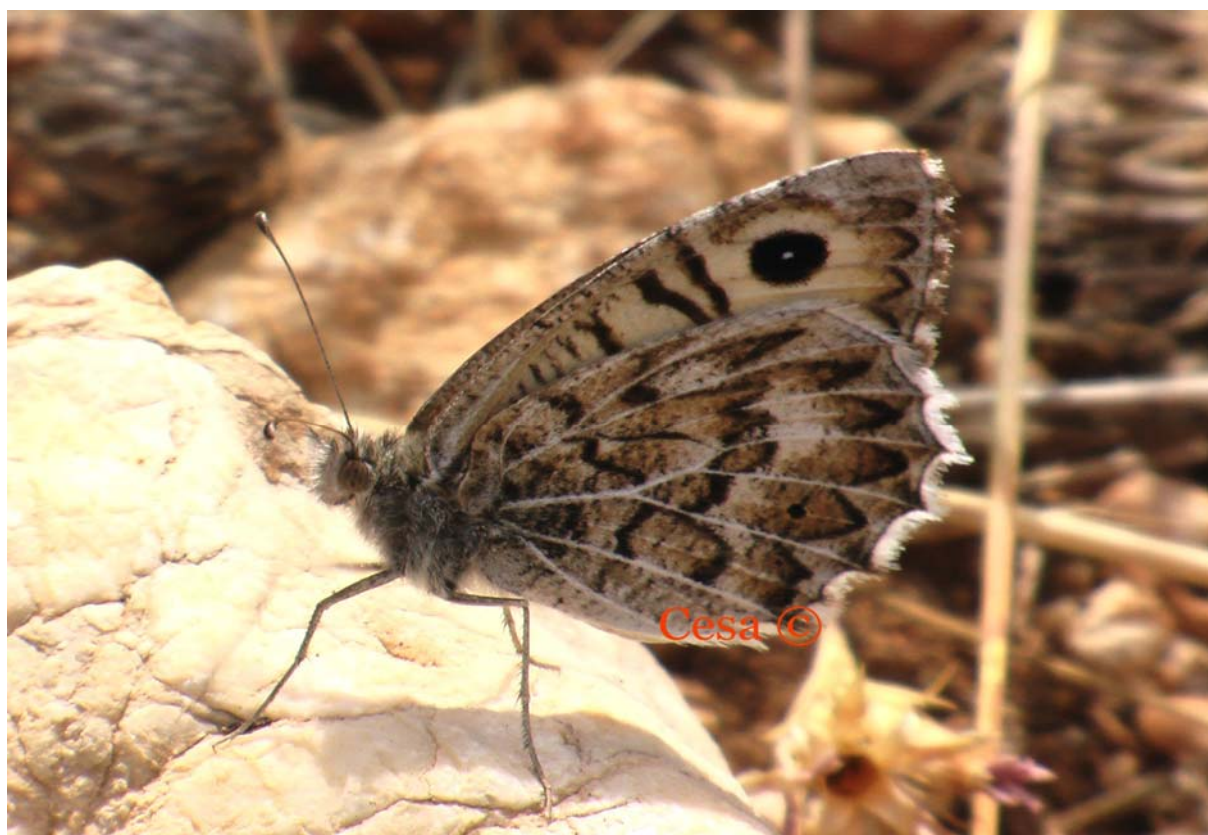


Fig. 19- A resting male of *Pseudochazara geyeri* (Satyridae). Turkey Sivas Province, Ziyaret Pass 1900m, 29 8 2008 Photo M.Kemal (Cesa)



Fig. 20- A resting female of *Pseudochazara mamurra birgit* (Satyridae). Turkey Sivas Province, Ziyaret Pass 1900m, 29 8 2008 Photo M.Kemal (Cesa)



Fig. 21- A resting female of *Oedipoda coerulescens* (Acrididae). Turkey Sivas Province, Ziyaret Pass 1900m, 29 8 2008 Photo M.Kemal (Cesa)



Fig. 22- Mountain feeders! The topographical features of our country change rapidly. 29 8 2008 Photo M.Kemal (Cesa)



Fig. 23- Mountain feeders! The topographical features of our country change rapidly. Turkey Bitlis Prov. Tatvan 1900m, 29 8 2008 Photo M.Kemal (Cesa)



Fig. 24- Mountain feeders! The topographical features of our country change rapidly. Turkey Van Prov. Gevaş 1800m, 29 8 2008 Photo M.Kemal (Cesa)



Fig. 25- Here is not Afghanistan deserts but Highways in Van Province, 29 8 2008 Photo M.Kemal (Cesa)



Fig. 26- Made in Turkey. A sightless driving on Van highways!
According to a statistical survey made in Turkey in 1999, totally 438.338 highway traffic accidents were caused by sleepless, tired and alcoholic driving, and as a result, 4.596 people were killed, 109.899 people were injured and 262 million dollar of physical damage was occurred.



Fig. 27- Akdamar Island in smoke , a symbol of Van city. Turkey Van Prov. Gevaş 1700m, 29 8 2008 Photo M.Kemal (Cesa)

Illustration of *Choreutis muhabbet* Koçak,2008 described in Miscellaneous Paper Nr. 142 pages 6-7 of the Cesa (Fig.1)



Fig.1 - *Choreutis muhabbet* Koçak,2008 (Paratype, female). Turkey, Van Province, Çatak, 1800m 12.7.2008 leg. M.Kemal (Coll. Cesa)

Announcement of the New Cesa Publications

Koçak,A.Ö. & M.Kemal,2008, Synonymical and distributional list of the species of Muş Province (East Turkey) (Lepidoptera). *Cent. ent. Stud., Misc. Pap.* 142: 1-6 [1 September,2008].

Abstract: This paper deals with the synonymical and distributional list of the Lepidoptera species of Muş Province (East Turkey). It is based upon the Info-system of the Cesa. It comprises totally 224 Lepidopteran species recorded in Muş Province so far.

Koçak,A.Ö., 2008, Description of *Choreutis muhabbet* sp.n. (*Choreutidae*, *Lepidoptera*). *Cent. ent. Stud., Misc. Pap.* 142: 6-7 [1 September,2008] [see Cesa News 30: fig.1].

Abstract: This paper deals with the description of a new species, *Choreutis muhabbet* sp.n. from Turkey recorded in 2008. Ecological information such as flight period, habitat of the new species, as well as etymology and vernacular name in Turkish are explained. Totally 5 genera and 10 species are reported of the family *Choreutidae* from Turkey.

Koçak,A.Ö., 2008, Scientific Note: A Nomenclatural Note on the Preoccupied Geometrid Species in Far Eastern Russia (*Lepidoptera*). *Cent. ent. Stud., Misc. Pap.* 142: 7 [1 September,2008].

Koçak,A.Ö., 2008, Scientific Note: Nomenclatural Notes on the Recently Proposed Replacement Names in the order *Orthoptera*. *Cent. ent. Stud., Misc. Pap.* 142: 7-8 [1 September,2008]. [A.Ö.K.](#)



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³ <http://www.cesa-tr.org/Pri.htm> - pdf available after corresponding

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⁷ <http://www.cesa-tr.org/Icon.htm>

⁸ http://www.metafro.be/Members/Cesa/internet_sayfas305/base_view - pdf available

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